

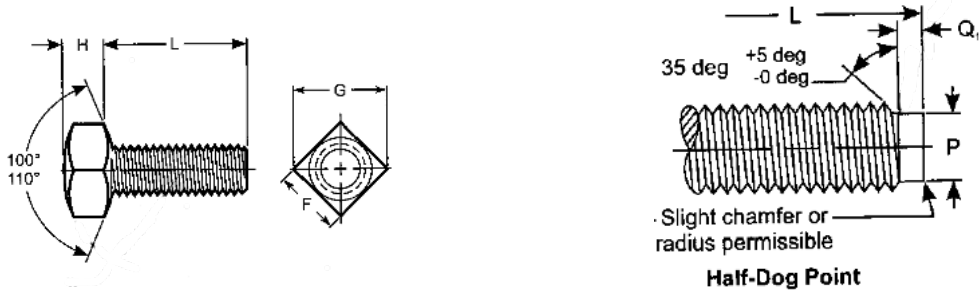


PRODUCT DATA SHEET

USA/CA: brightonBEST.com Europe: brightonBEST.org AU: brightonBEST.com.au NZ: brightonBEST.co.nz Brazil: brightonBEST.com.br

Square Head Set Screws Half Dog Point - Inch Series

1.0 Dimensions: ASME B18.6.2



| Nominal Size or Basic Product Diameter | F | | G | | H | | P | | Q1 | |
|--|--------------------|-------|----------------------|-------|-------------|-------|----------------|-------|--------|-------|
| | Width Across Flats | | Width Across Corners | | Head Height | | Half Dog Point | | | |
| | Max | Min | Max | Min | Max | Min | Diameter | | Length | |
| | Max | Min | Max | Min | Max | Min | Max | Min | Max | Min |
| 1/4 | 0.250 | 0.241 | 0.354 | 0.331 | 0.196 | 0.178 | 0.156 | 0.149 | 0.068 | 0.058 |
| 5/16 | 0.312 | 0.302 | 0.442 | 0.415 | 0.245 | 0.224 | 0.203 | 0.195 | 0.083 | 0.073 |
| 3/8 | 0.375 | 0.362 | 0.530 | 0.497 | 0.293 | 0.270 | 0.250 | 0.241 | 0.099 | 0.089 |
| 7/16 | 0.438 | 0.423 | 0.619 | 0.581 | 0.341 | 0.315 | 0.297 | 0.287 | 0.114 | 0.104 |
| 1/2 | 0.500 | 0.484 | 0.707 | 0.665 | 0.389 | 0.361 | 0.344 | 0.334 | 0.130 | 0.120 |
| 9/16 | 0.562 | 0.545 | 0.795 | 0.748 | 0.437 | 0.407 | 0.391 | 0.379 | 0.146 | 0.134 |
| 5/8 | 0.625 | 0.606 | 0.884 | 0.833 | 0.485 | 0.452 | 0.469 | 0.456 | 0.164 | 0.148 |
| 3/4 | 0.750 | 0.729 | 1.060 | 1.001 | 0.582 | 0.544 | 0.562 | 0.549 | 0.196 | 0.180 |
| 7/8 | 0.875 | 0.852 | 1.237 | 1.170 | 0.678 | 0.635 | 0.656 | 0.642 | 0.227 | 0.211 |
| 1 | 1.000 | 0.974 | 1.414 | 1.337 | 0.774 | 0.726 | 0.750 | 0.734 | 0.260 | 0.240 |

Notes: Thread Class of Fit: 2A.

2.0 Mechanical Properties: As Per ASME B18.6.2

Steel Case Hardened

Case Hardness: 83HR 15N minimum

Case Depth 1/4 " to 1 " Diameter : 0.006" minimum

Set screws are subjected to compressive stress in applications. Hardness is the only requisite mechanical property to be met by the square head set screws. The set screws will not have any marking.

Surface Finish: Plain

Disclaimer: The above is a compilation of data, from various industry standards. BBI has taken every effort to present the data accurately. However BBI cannot be held liable for any claim traceable to any errors typographical or otherwise contained herein.